Please amend the present application as follows:

__Claims__

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("——"), as is applicable:

1. (Currently amended) A method for cooling a storage device contained in a computer, the method comprising:

measuring the temperature of the storage device using a temperature sensor provided in or on the storage device <u>in response to commands received by a storage device driver stored in memory of the computer</u>; and

adjusting computer operation so as to reduce the temperature of the storage device if that temperature is deemed to be too high.

2. (Canceled)

3. (Original) The method of claim 1, wherein measuring the temperature of the storage device comprises measuring the temperature of the storage device using a thermal diode of the storage device.

4. (Original) The method of claim 1, wherein adjusting computer operation so as to reduce the temperature of the storage device comprises increasing the speed of a fan contained within the computer.

5.   (Original) The method of claim 1, wherein adjusting computer operation so as to reduce the temperature of the storage device comprises adjusting the operation of a processor contained within the computer.

6.   (Original) The method of claim 5, wherein adjusting the operation of a processor comprises reducing the clock speed of the processor.

7.   (Original) The method of claim 5, wherein adjusting the operation of a processor comprises reducing a voltage provided to the processor.

8.   (Original) The method of claim 1, wherein adjusting computer operation so as to reduce the temperature of the storage device comprises shutting down the computer.

9.   (Previously presented) The method of claim 1, wherein adjusting computer operation so as to reduce the temperature of the storage device comprises first increasing the speed of a fan contained in the computer and, if the storage device is later determined to still be too hot, reducing one or both of a clock speed of and a voltage provided to a processor contained in the computer and, if the storage device is still later determined to be too hot, shutting down the computer.

10.   (Previously presented) The method of claim 1, further comprising accessing data regarding temperature operating parameters of the storage device and using that data to determine whether the storage device is or is not too hot.

11.   (Currently amended) A method for cooling a storage device contained in a computer, the method comprising:

periodically measuring the temperature of the storage device with a temperature sensor provided in or on the storage device in response to commands received by a storage device driver stored in memory of the computer; and

periodically providing temperature data including the measured temperature and temperature operating parameters for the storage device to a basic input/output system (BIOS) so that the BIOS can control operation of the computer in an effort to cool the storage device.

12.   (Canceled)

13.   (Original) The method of claim 11, wherein periodically measuring the temperature of the storage device comprises measuring the temperature of the storage device using a thermal diode.

14.   (Original) The method of claim 11, wherein periodically providing temperature data comprises providing the data to a storage device driver of the computer that provides the data to the BIOS.

15.   (Original) The method of claim 11, wherein periodically providing temperature data comprises providing information regarding an ideal temperature operating range and a critical temperature to the BIOS.

16.   (Currently amended) A system for cooling a storage device in a computer, the system comprising:

means provided in or on the storage device for measuring the temperature of the storage device;

means comprising a controller of the storage device for sending the measured temperature; and

means for adjusting operation of the computer in relation to the measured temperature.

17.   (Canceled)

18.   (Original) The system of claim 17, wherein the means for measuring comprise a thermal diode.

19.   (Canceled)

20.   (Original) The system of claim 17, wherein the means for adjusting operation of the computer comprise a basic input/output system (BIOS).

21.   (Original) The system of claim 20, wherein the BIOS is configured to increase the speed of a fan contained in the computer, reduce one or both of a clock speed of and a voltage provided to a processor contained in the computer, or shut down the computer if the storage device is too hot.

22.   (Currently amended) A system stored on a computer-readable medium, the system comprising:

logic stored in memory of the storage device configured to read a temperature of a storage device measured by a temperature sensor provided in or on the storage device;

logic of a storage device driver configured to command the logic configured to read a temperature to read that temperature; and

logic configured to receive the read temperature and to control operation of a computer relative to the read temperature.

23-24. (Canceled)

25.   (Original) The system of claim 22, wherein the logic configured to receive the read temperature and to control operation of a computer comprises a computer basic input/output system (BIOS).

26-28. (Canceled)

29.   (Previously presented) The method of claim 1, wherein the storage device is one of a floppy drive, an optical drive, or a hard drive.

30.   (Previously presented) The method of claim 11, wherein the storage device is one of a floppy drive, an optical drive, or a hard drive.

31.   (Previously presented) The system of claim 16, wherein the storage device is one of a floppy drive, an optical drive, or a hard drive.

32.   (Previously presented) The system of claim 22, wherein the storage device is one of a floppy drive, an optical drive, or a hard drive.

33-34. (Canceled)